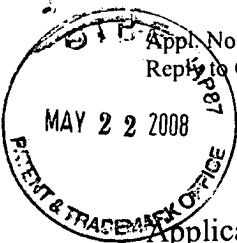


IFW/



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Edgar Bolin et al.
Appl. No.: 10/510,520
Conf. No.: 8816
Filed: December 20, 2004
Title: ADAPTIVE MODULATION AND OTHER EXTENSIONS OF THE
PHYSICAL LAYER IN MULTIPLE ACCESS SYSTEMS
Art Unit: 2616
Examiner: Tri H. Phan
Docket No.: 112740-973

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated November 19, 2007, Applicant submits the following amendments and responds as follows:

Amendments to the Drawings begin on page 2 of this paper and include attached replacement sheets.

Listing of the Claims begins on page 3 of this paper.

Remarks begin on page 7 of this paper.